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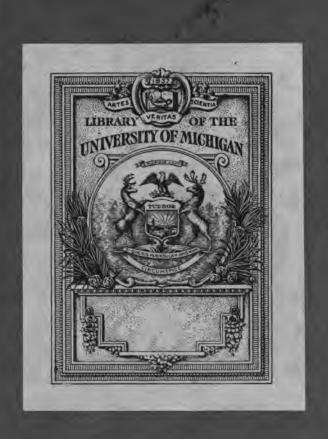
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INTRODUCTION.

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At the last Annual General Meeting, January 19th, 1881, Mr. Symons, the President, selected as the subject of his Address "The History of the English Meteorological Societies from 1823 to 1880." The Council considered that the value of this History would be greatly enhanced if it were supplemented by an Index of all the Papers which have appeared in the various periodical publications, which have from time to time appeared under the auspices of the several Societies. Such an Index has accordingly been prepared, and it is now issued so as to allow of its being bound up with the volume containing Mr. Symons's Address.

- The Index contains the titles of all the Papers appearing in the following publications, with the abbreviations by which the different publications are indicated:—
 - Transactions of the Meteorological Society. Instituted in the year 1828. Vol. I. 1889. Abbreviation Trans.
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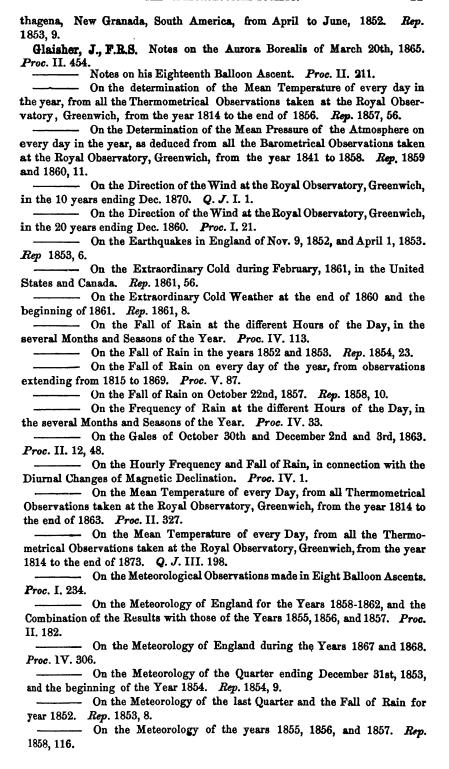
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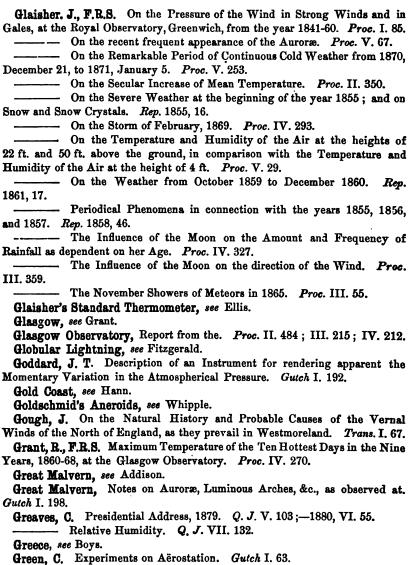
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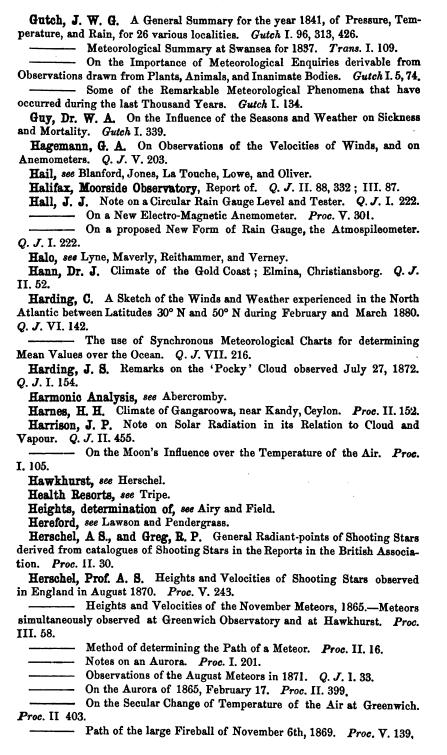
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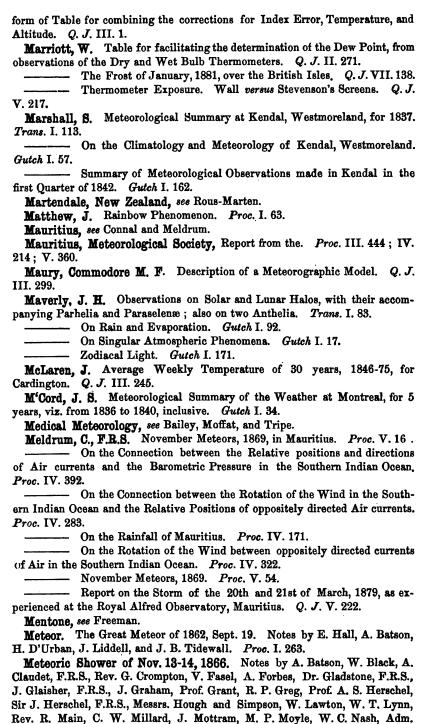
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- ——— Comparison of Thermometers at different Observatories in Europe. Proc. III. 250.
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Royal Cornwall Polytechnic Society, Report from. *Proc.* V. 350.

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- Canada East. Rep. 1854, 17, 27.

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